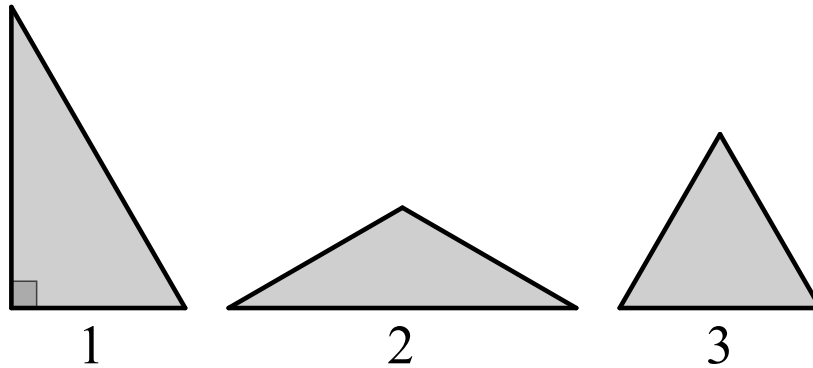# Triangular Tiles

A game company makes sets of tiles. There are 3 different triangular tiles that can be arranged in many ways to make designs.
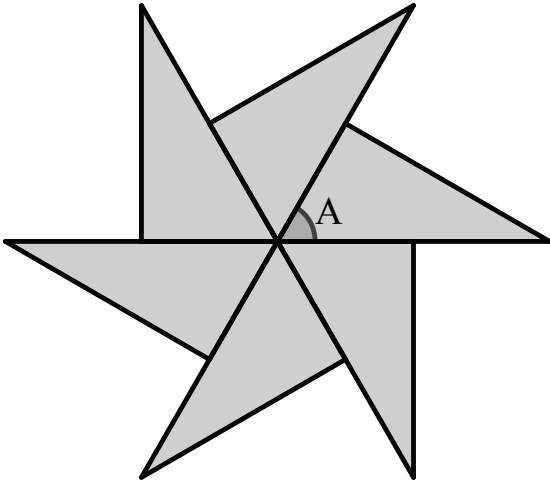

1. Which triangle tile has an obtuse angle?

_____

2. Each triangle tile can be classified by side length and angle type. Write the number of each of the three triangles in the correct place in the chart.
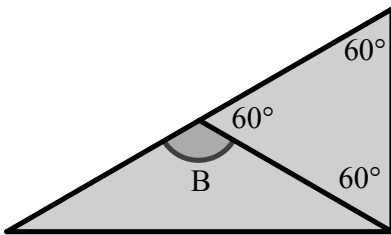
	scalene	isosceles	equilateral
acute			
right			
obtuse			

3. Triangle 1 can be used to make a pinwheel design. What is the measure of Angle A?

Show how you figured it out.

_____

4. Triangle 2 and Triangle 3 can be combined to make a larger version of Triangle 1. If each angle of Triangle 3 measures 60°, what is the measure of Angle B?

_____

Angle B

Show how you figured it out.